

Approved For Release 2004/11/01 : CIA-RDP79B01709A000400030053-8

TOP SECRET

COLLECTION PROGRAM FOR KH 4 SATELLITE PHOTOGRAPHY TOWARD MC&G REQUIREMENTS AS OF 15 SEPTEMBER 1966  
(Expressed in Millions of Square Miles)

SIB APPROVED PROGRAM	MISSION	DATE	% ALLOCATED TO MC&G		STATUTE SQUARE MILES OF 90-100% CLOUD-FREE STEREO PANORAMIC PHOTOGRAPHY IN MC&G REQUIREMENT AREAS						REMARKS
			PLANNING <sup>2</sup>	ACTUAL <sup>5</sup>	WORLD-WIDE			OUTSIDE SINO-SOVIET AREA			
					GROSS <sup>6</sup>	NET <sup>7</sup>	NET ACCUM <sup>8</sup>	GROSS <sup>6</sup>	NET <sup>7</sup>	NET ACCUM <sup>8</sup>	
one	9031 thru 1018	Mar 62 Mar 65	- -	- -	10.952	10.952	10.952	1.396	1.396	1.396	
SIB-D-41.14/229 (COMOR D-13/43) 19 Mar 65 Two special MC&G missions annually plus 20% of film from research and surveillance missions toward meeting 3 million sq. mile requirement outside Sino-Soviet area over a 4 yr period.	1019-1	May 65	25.0	25.00	1.712	.673	.673	.663	.663	.663	
	1021-1	May 65	- -	90.50	2.055	1.600	2.273	1.653	1.459	2.122	Spec MC&G
	1020-1, 2	Jun 65	20-25	16.90	1.560	.499	2.772	.525	.407	2.529	
	1022-1, 2	Jul 65	14	10.30	2.713	.824	3.596	.628	.587	3.116	
	1023-1, 2	Aug 65	5.0	10.70	1.614	.406	4.002	.485	.387	3.503	
	1024-1, 2	Oct 65	5-10	6.70	2.049	.312	4.314	.463	.264	3.767	
	1025-1, 2	Oct 65	- -	90.70	5.063	2.927	7.241	3.694	2.761	6.528	Spec MC&G
	1026-1, 2	Nov 65	5-10	9.2	2.589	.474	7.715	.518	.330	6.858	
	1027-1	Dec 65	50.0	48.00	.947	.257	7.972	.415	.250	7.108	
1028-1, 2	Jan 66	7.0	11.9	4.654	.546	8.518	1.000	.524	7.632		

NRO review(s) completed.

GROUP I

Excluded from automatic

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APPROVED PROGRAM	MISSION	DATE	% ALLOCATED TO MC&G		STATUE SQUARE MILES OF 90-100% CLOUD-FREE STEREO PANORAMIC PHOTOGRAPHY IN MC&G REQUIREMENT AREAS						REMARKS
			PLANNING <sup>7</sup>	ACTUAL <sup>5</sup>	WORLD-WIDE			OUTSIDE SINO-SOVIET AREA			
					GROSS <sup>6</sup>	NET <sup>7</sup>	NET ACCUM <sup>8</sup>	GROSS <sup>9</sup>	NET <sup>7</sup>	NET ACCUM <sup>8</sup>	
	1029-1, 2	Feb 66	8.0	7.10	2.797	.337	8.855	.396	.237	7.869	
	1030-1, 2	Mar 66	10.0	9.60	2.887	.220	9.075	.389	.106	7.975	
	1031-1	Apr 66	15.0	9.50	1.589	.175	9.250	.286	.168	8.143	
			(S & S Avg)								
			15.5	15.00							
Year Sub-Total:					32.229	9.250	9.250	11.115	8.143	8.143	
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-41.14/291 -D-13/59) 1 1966 Mapping and missions in 0 to 60 percent) August 1966; 20 t o. film from an surveillance ns.	1032-1, 2	May 66									Failed to orbit.
	1033-1, 2	Jun 66		0	.031						Special GMAIC.
	1034-1, 2	Jul 66	50%	41.2	1.873	.712	.712	1.717	.706	.706	Special MC&G
	1036-1, 2	Aug 66	15%	27.30	2.731	.713	1.425	1.034	.686	1.392	3
			(S & S Avg)								2
			15	27.3							
months, 2nd year Sub-Total:					4.635	1.425	1.425	2.751	1.425	1.392	
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Time Total:			(S & S Avg)		47.816	21.627	21.262	15.262	10.931	10.931	
			15	16							

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COLLECTION PROGRAM FOR KH 4 SATELLITE PHOTOGRAPHY TOWARD EC&G REQUIREMENTS  
(Expressed in Millions of Square Nautical Miles)

DATE	\$ EXPENDED EC&G	NAUTICAL SQUARE MILES OF 90-100% CLOUD-FREE SPOT PANORAMIC PHOTOGRAPHY TOWARD EC&G REQUIREMENTS												REMARKS
		USSR/RUSATS/CHI (Total 8.513)				EQUATORIAL BELT (Total: 6.094)				INERT BELT (Total: 12.145)				
		GROSS	NET	NET ACCUM	REMAINING	GROSS	NET	NET ACCUM	REMAINING	GROSS	NET	NET ACCUM	REMAINING	
20-30 Sep 66	29.84	2.436	.031	7.500	1.013	.040	.032	.478	5.616	.800	.382	8.001	4.144	1st Pan Geometry
8-20 Nov 66	47.50	1.281	.018	7.518	.995	--	--	.478	5.616	.815	.465	8.466	3.679	
14-26 Jan 67	33.33	1.655	.063	7.581	.932	.256	.160	.638	5.456	.866	.337	8.803	3.342	
22 Feb-5 Mar 67	33.34	.671	.043	7.624	.889	.272	.212	.850	5.244	.903	.177	8.980	3.165	
30 Mar-8 Apr 67	29.59	.888	.043	7.667	.846	.128	.111	.961	5.133	.528	.054	9.034	3.111	
9-24 May 67	5.21	1.014	.010	7.677	.836	.001	--	.961	5.133	.204	.070	9.104	3.041	Eccentric orbit-high altitudes in southern lat
16 Jun-1 Jul 67	22.63	1.030	.074	7.751	.762	.032	.032	.993	5.101	.857	.345	9.449	2.696	1st 15 day run
7-22 Aug 67	21.18	.366	.005	7.756	.757	.096	.053	1.046	5.048	.520	.164	9.613	2.532	
15-28 Sep 67	15.67	.891	.025	7.781	.732	.042	--	1.046	5.048	.235	.238	9.851	2.294	1st DISC 1st J-3
2-11 Nov 67	28.86	1.562	.048	7.829	.684	.074	--	1.046	5.048	.529	.270	10.121	2.024	Early recvy due to tech problems
9-23 Dec 67	21.89	1.061	.012	7.841	.672	.188	.131	1.177	4.917	.328	.118	10.239	1.906	Bi Color Experiment
24 Jan-8 Feb 68	13.20	.992	--	7.841	.672	.160	.100	1.277	4.817	.769	.066	10.305	1.840	
14-30 Mar 68	14.60	1.020	.027	7.868	.645	.032	.014	1.291	4.803	.883	.203	10.508	1.637	100th successful CORONA msn
1-15 May 68	8.52	.616	.001	7.869	.644	.029	.029	1.320	4.774	.453	.049	10.557	1.588	Bi Color Experiment
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DATE	% EXCEEDED MC&G	NAUTICAL SQUARE MILES OF 90-100% CLOUD-FREE LANDS AVAILABLE FOR PHOTOGRAPHY TO MEET MC&G REQUIREMENTS												REMARKS
		USSR/MURATS/CHL (8.513)				MADAGASCAR, BETH (5.948) <sup>1</sup>				MADAGASCAR (11.168) <sup>2</sup>				
		GROSS	NET	NET ACCUM	REMAINING	GROSS	NET	NET ACCUM	REMAINING	GROSS	NET	NET ACCUM	REMAINING	
20 Jun- 5 Jul 68	5.16	.654	.051	7.920	.593	.064	.043	1.363	4.731	.342	.073	10.630	1.515	
7-22 Aug 68	2.32	.928	.018	7.938	.575	--	--	1.363	4.731	.366	.031	10.661	1.464	
18 Sep- 2 Oct 68	1.80	1.717	.065	8.003	.510	--	--	1.363	4.731	.204	.029	10.690	1.435	
3-21 Nov 68	.93	Not acceptable		8.003	.510	--	--	1.363	4.731	--	--	10.690	1.435	Not available MC&G.
22-22 Dec 68	4.77	1.446	.032	8.035	.478	.022	.005	1.368	4.726	.237	.010	10.700	1.445	
6-14 Feb 69	3.0	2.337	.014	8.049	.464	--	--	1.368	4.726	.254	.008	10.732	1.413	2000' ceiling
20-22 Mar 69	11.2 <sup>2</sup>	.46	.000	8.049	.464	--	--	1.368	4.726	.17	.003	10.755	1.390	Early problem loss of altitude control
2-17 May 69	.0	.959	.000	8.049	.464	--	--	1.368	4.726	--	--	10.755	1.390	ICBM mission
23 Jul 69 11 Aug 69	.0	--	--	8.049	.464	--	--	1.368	4.726	--	--	10.755	1.390	Loss of one camera pre- cluded any MC&G coverage
22 Sep 69 7 Oct 69	2.12	1.752	.007	8.056	.457	--	--	1.368	4.535	.162	.005	9.105 <sup>3</sup>	2.062 <sup>3</sup>	

1. Detail figures revised - 21 Oct 69.

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